

Introduction

This document describes how to operate the Meridian data station and how to test its on-line transmission performance.

A colocated data station consists of a QSU-type SL-1 telephone and an Add-on Data Module (ADM) connected to data terminal equipment.

Note: References in this publication to ADMs imply QMT7, QMT8, and QMT12 ADMs.

The Meridian colocated data station permits data calling and regular telephone calling to and from a single SL-1 telephone. The data station also allows several optional calling features associated with the SL-1 telephone to be used in conjunction with data calling.

A stand-alone ADM, when connected to a data terminal (for example, without a companion SL-1 terminal), provides services associated with Meridian data calling that do not require user intervention.

Configuring each stand-alone ADM appropriately is critical to the proper function of Meridian data stations.

The Asynchronous Interface Module (AIM) provides the interface between an RS-232-C compatible asynchronous Data Terminal Equipment (DTE) through its Asynchronous Interface Line Card (AILC).

The AIM may be desktop or wall-mounted and is used to originate and to answer data calls. It supports keyboard dialing.

The Asynchronous/Synchronous Interface Module (ASIM) provides the interface between an RS-232-C compatible asynchronous or synchronous DTE and the Meridian 1 system.

The ASIM is desktop mounted and is used to originate and to answer data calls. It supports the following:

- Keyboard and keypad dialing for asynchronous calling
- Keypad dialing only for synchronous calling
- Automatic set relocation

A Multi-Channel Data System (MCDS) accesses a multiple port computer and takes the place of several ADMs. The 4-port MCDS Asynchronous Card (MCDS-AC) performs the same functions as four separate ADMs.

The operations of the Meridian data station described in this publication should be performed after installation to ensure that each ADM is functional and is properly configured to provide the data service the customer requires.